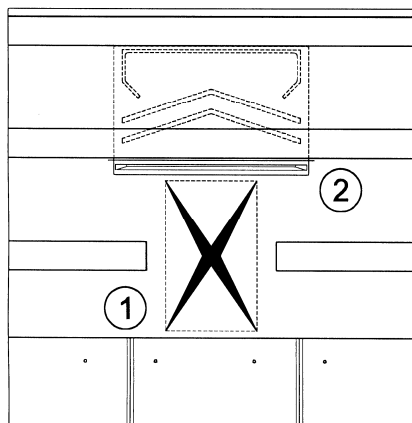


FIXING INSTRUCTIONS

G RANGE TRIPLE BASEPLATE VENTILATOR

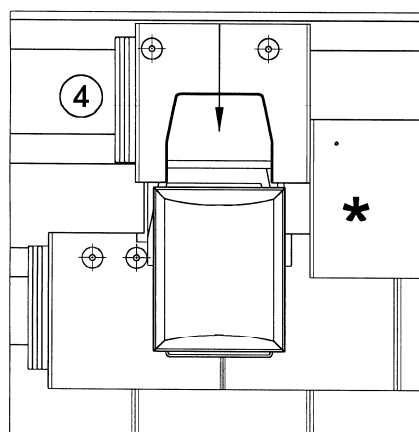
The Ventilator for use with the following tile manufacturers profiles provide this range of headlap variation:

Forticrete GEMINI / MINISLATE 80 to 95mm
 Marley MONARCH / MARQUESS 75 to 100mm
 Redland CAMBRIAN 50 to 85mm
 Sandtoft BRITLOCK 75 to 120mm

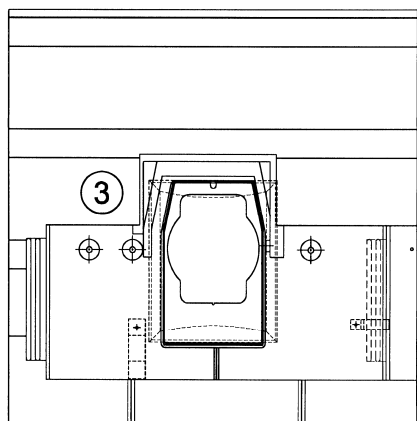


1. Position the ventilator between rafters in the appropriate course of tiles. Cut away the batten below the throat of the vent, mark the opening of the roofing felt, cut the diagonals and fold back.

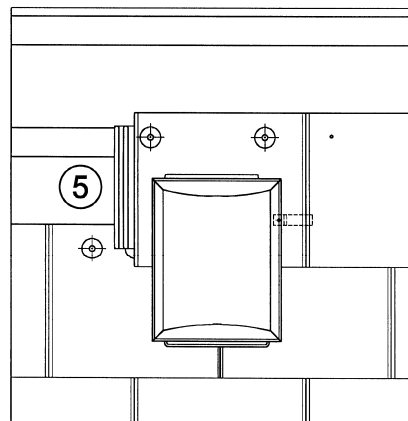
2. Make a slit above the opening NOT WIDER than the underlay protector, slide in the protector to just above the vent opening.



4. It may be easier to locate and fit the upper forming before placing this tile* in position. Hold the upper forming up the roof slope, slide it down, engaging the clip (or clips) on the underside to the lower forming.



3. Place the lower forming in position, ensure all clips locate under the adjacent tiles at side and lower edge, nail in position.



5. Position the adjacent tiles and nail in place. Continue tiling in the normal manner.

**SUITABLE FOR ROOF PITCHES OF BETWEEN 20° AND 60° -
 FOR PITCHES ABOVE OR BELOW THIS CONSULT GLIDEVALE TECHNICAL SERVICES**

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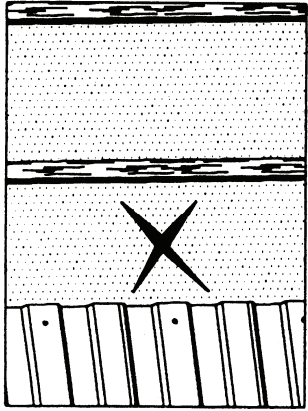
Telephone: (+44) 0161 905 5700 Fax: (+44) 0161 905 2085 Web: www.glidevale.com Email: info@glidevale.com

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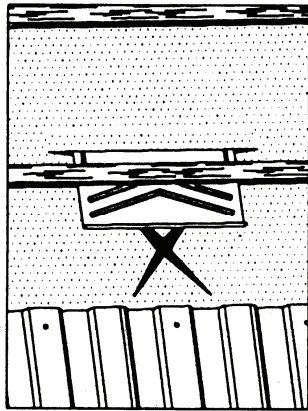
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FIXING INSTRUCTIONS

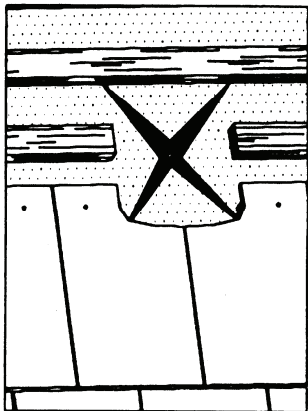
G RANGE TILE VENTILATOR



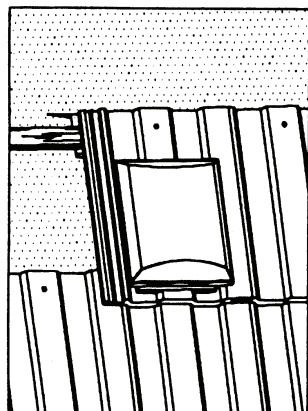
1



2



3



4



5

1. Select ventilator position between rafters and lay surrounding tiles. Mark the ventilator opening on the underlay and cut diagonally corner to corner and fold back.

2. Make a slit above the opening and slide in the underlay protector to just above the ventilator opening. Ensure the cuts in the underlay DO NOT extend beyond the sides of the underlay protector.

3. Plain tiles will require one top corner to be removed from two tiles to allow the ventilator to be fitted.

Remove sections of tiling batten in the opening position, short lengths of batten may be fixed above and / or below the opening if required for additional support.

4. Attach the sleeve to the underside of the ventilator, place in position and carefully nail fix through the holes provided.

5. Continue tiling in the normal manner.

G RANGE TILE VENTILATORS ARE SUITABLE FOR ROOF PITCHES OF BETWEEN 20° AND 60° - FOR PITCHES ABOVE OR BELOW THIS CONSULT GLIDEVALE TECHNICAL SERVICES

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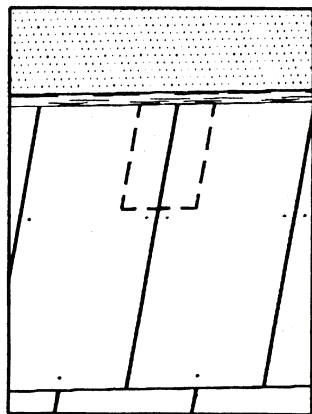
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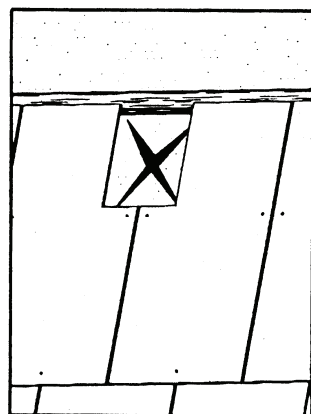
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FIXING INSTRUCTIONS

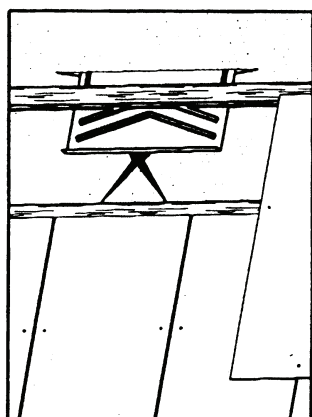
G RANGE SLATE VENTILATOR



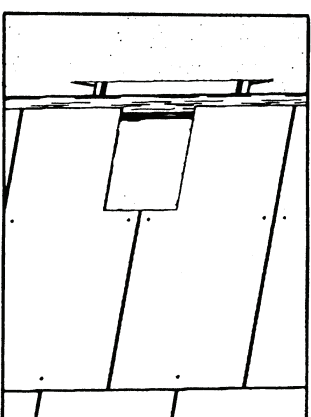
1



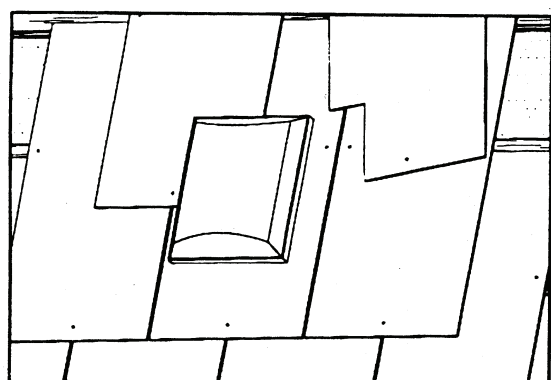
2



3



4



5

1. Select ventilator position between rafters and temporarily lay surrounding slates. Mark out the ventilator opening.

2. Remove the two slates over which the ventilator is to be positioned and trim the corners to the marks. Score the underlay diagonally from corner to corner of the opening and fold upwards.

3. Make a slit above the opening and slide in the underlay protector to just above the ventilator opening. Ensure the cuts in the underlay **DO NOT** extend beyond the sides of the underlay protector.

4. Permanently fix the two cut slates over the ventilator opening, attach the sleeve to the underside of the ventilator and place in position.

Battens may need to be trimmed dependant upon the slate size used.

5. Nail fix the ventilator to the battens. If disk rivets are used, ensure that they are not over tightened causing the plastic to distort.

Place the next slate course in position, trimming the bottom corners of the two slates immediately above the ventilator to fit around the central ventilation column.

G RANGE SLATE VENTILATORS ARE SUITABLE FOR ROOF PITCHES OF BETWEEN 20° AND 60° - FOR PITCHES ABOVE OR BELOW THIS CONSULT GLIDEVALE TECHNICAL SERVICES

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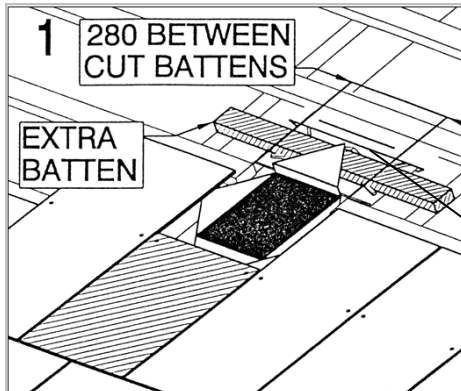
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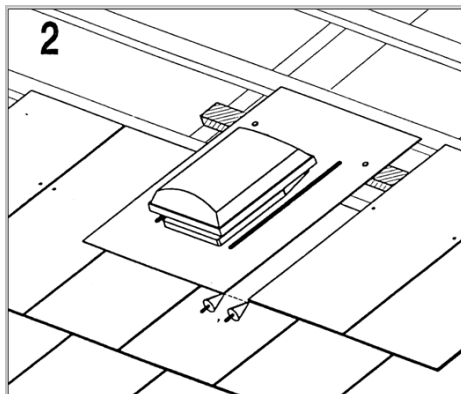
FIXING INSTRUCTIONS

G Range Soaker Slate Ventilator



1. Lay slates to the required position of the ventilator. Cut the slate directly below the ventilator so that it does not protrude past the slate batten. Cut a 280mm wide gap in the batten at the head of the slate as shown.

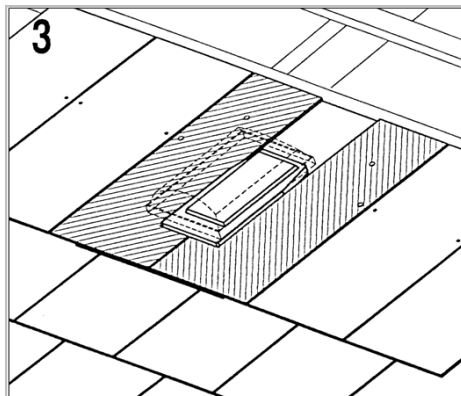
1a. Make a slit in the underlay above the tile batten, slide the underlay protector under the batten and into the slit until the upstand of the underlay protector is against the back of the batten.



NOTE: Ensure the ventilator is not directly above a rafter and the batten cantilever is not excessive.

Cut the underlay with two diagonal cuts as shown, fold back to ensure a free airpath for the ventilator, fit underlay protector (as diagram 1).

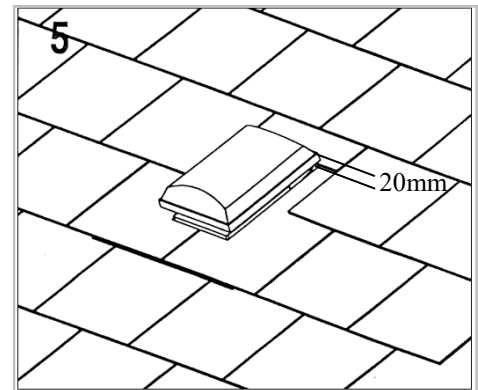
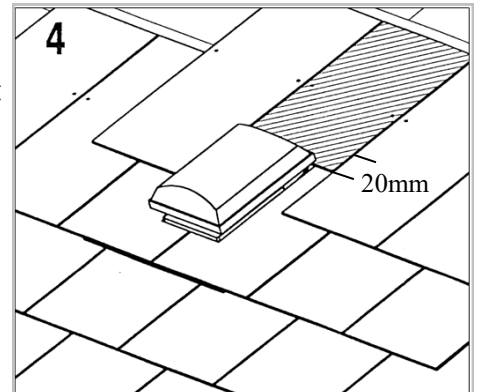
2. Position the ventilator central on the slates below and level with adjacent slates. Nail the ventilator in position.



3. Cut two "L" shaped slates to fit either side of the ventilator so that they neatly abut the cowl upstand. Hole each formed slate piece as shown ensuring that it is twice fixed to the battens. Continue slating.

4. Lay the next course of slates cutting the slate directly above the ventilator cowl as required.

5. Inspect the junction and security of the ventilating unit and adjacent slating before laying further courses.



SHADED AREAS INDICATE CUT TILES

G RANGE SOAKER SLATE VENTILATORS ARE SUITABLE FOR ROOF PITCHES
OF BETWEEN 20° AND 60° - FOR PITCHES ABOVE OR BELOW THIS
CONSULT GLIDEVALE PROTECT'S TECHNICAL DEPARTMENT

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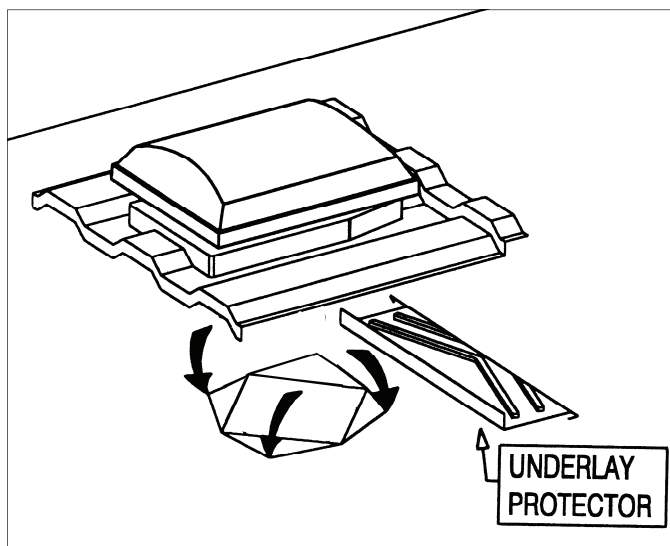
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FIXING INSTRUCTIONS

G RANGE VENTILATOR for use with Metal Tiles*



1. Position the G Range Ventilator on the underlay in the desired position.

2. Mark this position and cut the underlay to accept the pipe and spigot as indicated and ensuring the flaps fold outwards.

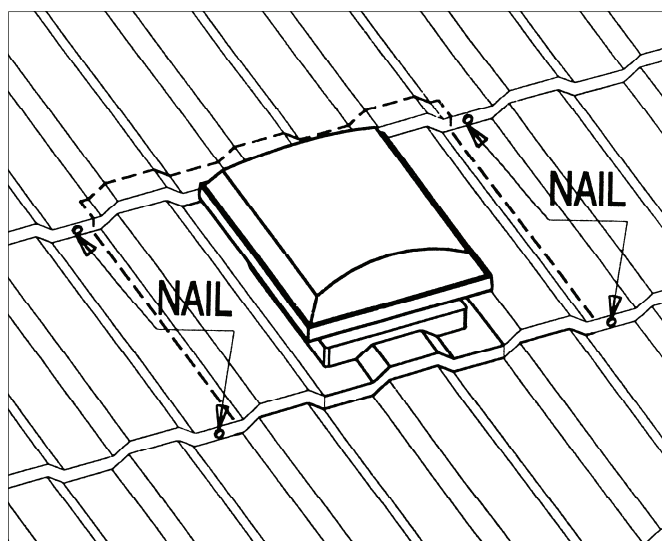
3. Cut a 340mm long horizontal slot in the underlay 100mm above this opening to accept the underlay protector.

Ensure that cuts in the underlay **do not** extend beyond the sides of the underlay protector.

4. Fit the ventilator in the normal manner by overlapping it on either side with a standard panel.

5. Nail through the noses of these two panels immediately adjacent to the ventilator after installation of the panels below the ventilator. Do not nail through the nose or upstand of the ventilator.

6. For passive stack ventilation the ventilator should be installed on the second course down from the ridge at the recommended positions.



* Decra (all types), Tufftile, Metrotile, Gerrard, etc

NOTE: G Range Ventilators must not be used as exit terminals for hot combustion gases

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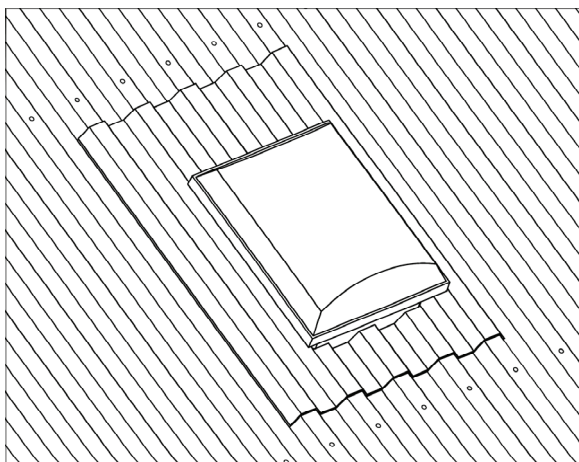
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FIXING INSTRUCTIONS

G RANGE SHEET VENTILATOR



Locate the position of the ventilator centrally between two supports and mark the outline.

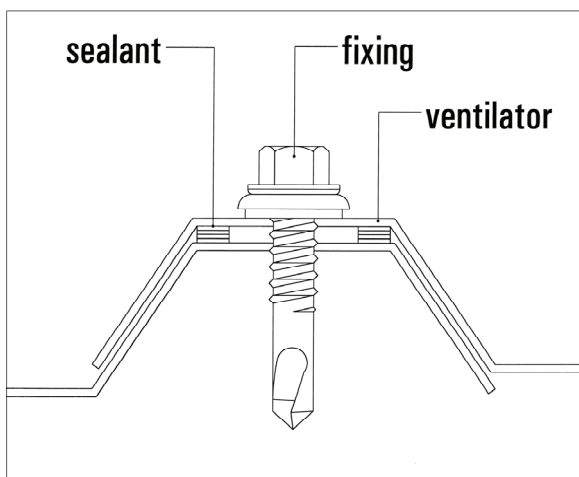
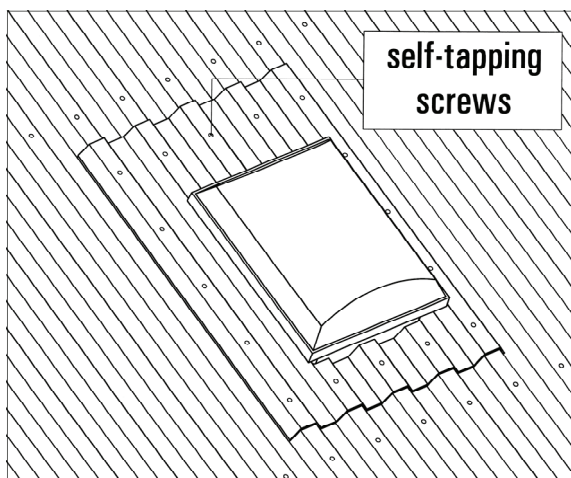
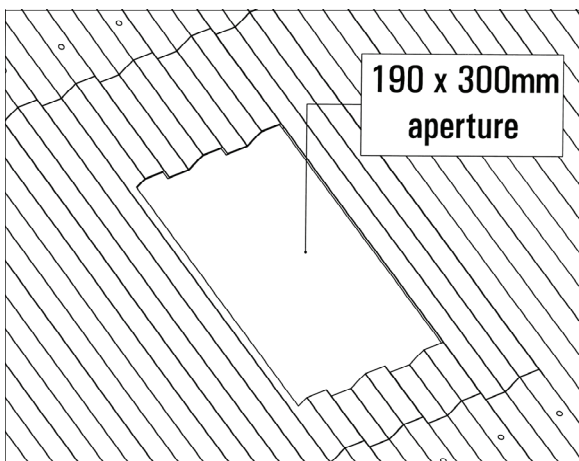
Cut a 190mm x 300mm aperture in the existing sheet 70mm from the bottom edge of the aforementioned mark and centrally about the ventilator position.

Clean existing sheet where vent is to be fitted.

Using a suitable mastic sealant, apply two strips around the perimeter on the underside of the ventilator with the vertical strip carried up the crown of the sheet.

Reposition the ventilator and fix between the strips of sealant using self drilling / tapping screws with bonded washers at 100mm centres up the slope and one per crown horizontal spacings.

NOTE: This ventilator is suitable for roof pitches between 20° and 60°. For alternative roof pitches, please consult Glidevale Technical Services.



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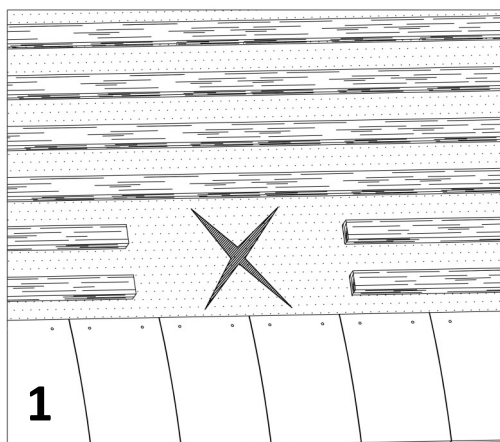
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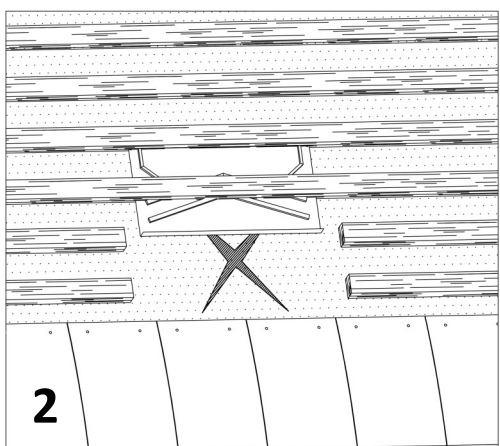
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FIXING INSTRUCTIONS

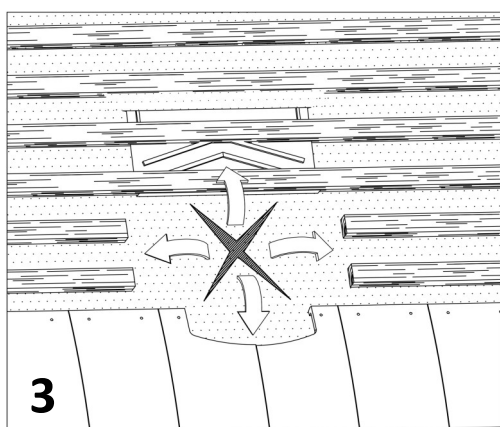
G Range Plain Tile Ventilator



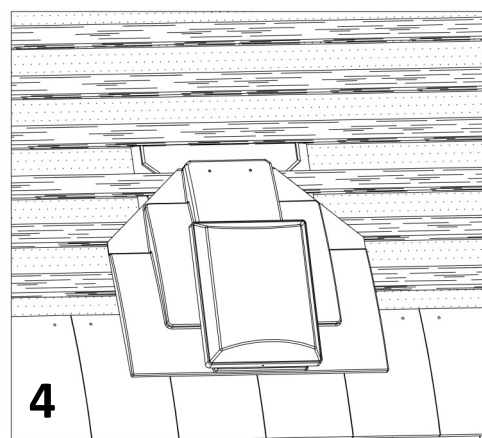
1. Select ventilator position between rafters and lay surrounding tiles. Mark the ventilator opening on the underlay and cut diagonally corner to corner. The tile battens will also have to be cut to allow the ventilator adapter access to the roof.



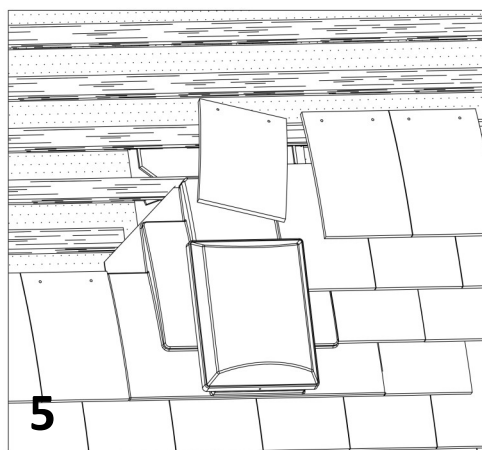
2. Make a slit above the batten over the opening and slide the underlay protector under the batten and through the slit. Ensure the cut in the underlay **DOES NOT** extend beyond the sides of the underlay protector.



3. Fold the diagonal cuts upwards and secure the top flap to the batten using a nail or staple. The bottom two tiles might require trimming to allow the adapter to access the roof.



4. Lay tiles up to the position of the vent, snap fit the adapter onto the rear of the ventilator and place the vent in position, securing in place through the fixing points.



5. Continue laying tiles over the vent. Two tiles will require one top corner to be removed to prevent the tiles from riding on the vent.

GLIDEVALE PROTECT G RANGE PLAIN TILE VENTILATORS ARE SUITABLE FOR ROOF PITCHES OF BETWEEN 35° AND 60°

FOR PITCHES OUTSIDE OF THIS RANGE PLEASE CONSULT GLIDEVALE PROTECT TECHNICAL SERVICES

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GLIDEVALE PROTECT

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